

REMARKS

Claims 2-10 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Ohmori et al. Applicant respectfully traverses this rejection, because the cited reference does not disclose (or suggest) the feature of the present invention for selectively setting the operation clock used by the disk drive for writing and reading data to and from a recording medium based on the transfer command received from the host device.

The present invention is directed to a method and apparatus for reducing power consumption during writing and reading of data to and from a recording medium. To accomplish this, operation clocks used by the disk drive is selectively set during these operations based on the transfer command received. For example, the operation clock might be reduced to a minimum value necessary for reading or writing depending on the type of interface provided between the host and the disk drive.

Ohmori relates to a technique for improving data transfer reliability by setting a slew rate for increasing the time margins without deterioration in the data transfer rate. To achieve this object, the host system of Ohmori selects a data transfer mode for setting the data transfer rate between the host system and HDD.

Ohmori, however, does not disclose (or suggest) selectively setting the operation clock used by the disk drive for writing and reading data to and from a recording medium based on the transfer command received from the host device, as in the present invention. In other words, the setting of the transfer rate for data transmitted between the host and the HDD does not disclose (or suggest) setting the operation clock for performing


the reading and writing operation in a disk drive. For these reasons, claims 2-10 are believed to be allowable.

New claims 11-13 also describe the feature of the present invention for selectively setting the operation clock, and therefore, are allowable for the same reasons given above.

For all of the above reasons, Applicants request reconsideration and allowance of the claimed invention. The Examiner should contact Applicants' undersigned attorney if a telephone conference would expedite prosecution.

Respectfully submitted,

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